CLAIMS

I/We Claim:

1. A bicycle saddle shell consisting of a truncated horn region, which transitions from the rear of the saddle that supports the seat bones (Ischia), and terminates posterior to the genital region of the seated rider.
2. A saddle shell defined by a relieved region starting at the forefront and extending towards the rear of the saddle in a section that corresponds to the urogenital triangular region of the seated rider's perineum.
3. The device in claim 2 wherein the relieved region is completely devoid of material.
4. The device of claim 2 wherein the relieved region is a recessed channel.
5. A guide at the nose of the saddle that bridges the sides of the saddle shell to provide: a blended element for smooth transition of the rider to the seated position, and lateral rigidity to the anterior of the saddle shell while preserving a level of compliance in other vectors of motion.
6. The device in claim 5, wherein an arched band blends with the nose of the saddle shell.
7. A suspension device with two independently compliant extensions to: mount and support the saddle shell, provide a means of attachment to the seat post with sufficient fore/aft adjustment, and enable independent pitch and roll of the two halves of the saddle shell corresponding to the left and right seat bone (Ischium).

8. The device in claim 7 wherein a double-cantilever rail frame consisting of a triple-bend, hairpin to mount and support the saddle shell. A U-shaped base with two parallel mounting rails to provide sufficient fore/aft adjustment of the saddle in any standard seat post for installation on any standard bicycle. The rails symmetrically transition to a shell support plane with a wider span between rails to provide stability of the saddle and directly support the seat bone (Ischium).